

FIG. 1A

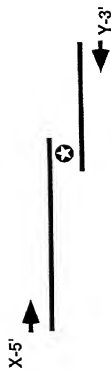


FIG. 1B

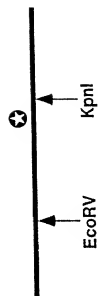


FIG. 1C

TCGAGCCC	ATG	AGG	TGT	AGC	CCC	GGA	GGA	GTG	TGG	CTG	GCA	CTG	GCA	39
	M	R	C	S	P	G	G	V	W	L	A	L	A	13
GCA	TCT	CTC	CTG	CAC	GTG	TCC	CTG	CAA	GGC	GAG	TTC	CAG	AGG	87
A	S	L	L	H	V	S	L	Q	G	E	F	Q	R	29
TAC	AAG	GAG	CTG	GTC	AAG	AAC	TAC	AAT	CCC	TTG	GAG	AGG	CCC	135
Y	K	E	L	V	K	N	Y	N	P	L	E	R	P	45
AAT	GAC	TCG	CAA	CCA	CTC	ACC	GTC	TAC	TTC	TCC	CTG	AGC	CTC	183
N	D	S	Q	P	L	T	V	Y	F	S	L	S	L	61
ATC	ATG	GAC	GTG	GAT	GAG	AAG	AAC	CAA	GTT	TTA	ACC	ACC	AAC	231
I	M	D	V	D	E	K	N	Q	V	L	T	T	N	77
CTG	CAA	ATG	TCT	TGG	ACA	GAT	CAC	TAT	TTA	CAG	TGG	AAT	GTG	279
L	Q	M	S	W	T	D	H	Y	L	Q	W	N	V	93
TAT	CCA	GGG	GTG	AAG	ACT	GTT	CGT	TTC	CCA	GAT	GGC	CAG	ATT	327
Y	P	G	V	K	T	V	R	F	P	D	G	Q	I	109
CCA	GAC	ATT	CTT	CTC	TAT	AAC	AGT	GCT	GAT	GAG	CGC	TTT	GAC	375
P	D	I	L	L	Y	N	S	A	D	E	R	F	D	125

FIG. 2A

TTC CAC ACT AAC GTG TTG GTG AAT TCT TCT GGG CAT TGC CAG TAC CTG	423
F H T N V L V N S S G H C Q Y L	141
CCT CCA GGC ATA TTC AAG AGT TCC TGC TAC ATC GAT GTA CGC TGG TTT	471
P P G I F K S S C Y I D V R W F	157
CCC TTT GAT GTG CAG CAC TGC AAA CTG AAG TTT GGG TCC TGG TCT TAC	519
P F D V Q H C K L K F G S W S Y	173
GGA GGC TGG TCC TTG GAT CTG CAG ATG CAG GAG GCA <u>GAT ATC</u> AGT GGC	567
G G W S L D L Q M Q E A D I S G	189
TAT ATC CCC AAT GGA GAA TGG GAC CTA GTG GGA ATC CCC GGC AAG AGG	615
Y I P N G E W D L V G I P G K R	205
AGT GAA AGG TTC TAT GAG TGC AAA GAG CCC TAC CCC GAT GTC ACC	663
S E R F Y E C C K E P Y P D V T	221
TTC ACA GTG ACC ATG CGC CGC AGG ACA CTC TAC TAT GGC CTC AAC CTG	711
F T V T M R R R T L Y Y G L N L	237
CTG ATC CCC TGT GTG CTC ATC TCC GCC CTC GCC CTG CTG GTG TTC CTG	759
L I P C V L I S A L A L L V F L	253
CTT CCT GCA GAT TCC GGG GAG AAG ATT TCC CTG GGG ATA ACA GTC TTA	807
L P A D S G E K I S L G I T V L	269

FIG. 2B

274
 CTC TCT CTT ACC ACC TTC ATG CTC GTG GCT GAG ATC ATG CCC GCA 855
 L S L T T F M L L V A E I M P A 285
 ACA TCC GAT TCG GTA CCA TTG ATA GCC CAG TAC TTC GCC AGC ACC ATG 903
 T S D S V P L I A Q Y F A S T M 301
 ATC ATC GTG GGC CTC TCG GTG GTG ACG GTG ATC GTG CTG CAG TAC 951
 I I V G L S V V V T V I V L Q Y 317
 CAC CAC CAC GAC CCC GAC GGC AAG ATG CCC AAG TGG ACC AGA CTC 999
 H H H D P D G G K M P K W T R V 333
 ATC CTT CTG AAC TGG TGC GCG TGG TTC CTG CGA ATG AAG AGG CCC GGG 1047
 I L L N W C A W F L R M K R P G 349
 GAG GAC AAG GTG CGC CCG GCC TGC CAG CAC AAG CAG CGG CGC TGC AGC 1095
 E D K V R P A C Q H K Q R R C S 350
 CTG GCC AGT GTG GAG ATG AGC GCC GTG GCG CCG CCG CCC GCC AGC AAC 1143
 L A S V E M S A V A P P P A S N 366

FIG. 2C

GGG AAC CTG CTG TAC ATC GGC TTC CGC GGC CTG GAC GGC GTG CAC TGT	1191
G N L L Y I G F R G L D G V H C	382
GTC CCG ACC CCC GAC TCT GGG GTA GTG TGT GGC CGC ATG GCC TGC TCC	1239
V P T P D S G V V C G R M A C S	398
CCC ACG CAC GAT GAG CAC CTC CTG CAC GGC GGC CAA CCC CCC GAG GGG	1287
P T H D E H L L H G G Q P P E G	414
GAC CCG GAC TTG GCC AAG ATC CTG GAG GAG GTC CGC TAC ATT GCC AAC	1335
D P D L A K I L E E V R Y I A N	430
CGC TTC CGC TGC CAG GAC GAA AGC GAG GCG GTC TGC AGC GAG TGG AAG	1383
R F R C Q D E S E A V C S E W K	446
TTC GCC GCC TGT GTG GTG GAC CGC CTG TGC CTC ATG GCC TTC TCG GTC	1431
F A A C V V D R L C L M A F S V	462
TTC ACC ATC ATC TGC ACC ATC GGC ATC CTG ATG TCG GCT CCC AAC TTC	1479
F T I I C T I G I L M S A P N F	478
GTG GAG GCC GTG TCC AAA GAC TTT GCG TAACCAAGCCTGTTCTGTATCATGTGG	
V E A V S K D F A	
AAAACACAGATGGCAAGCGCTTTGGCTTGGCGAGATTGGGCCGGAA	

FIG. 2 D

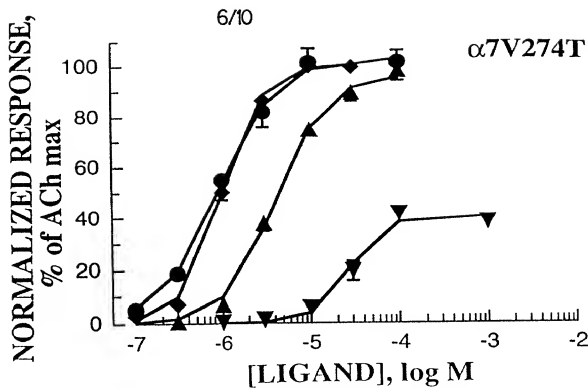


FIG. 3A

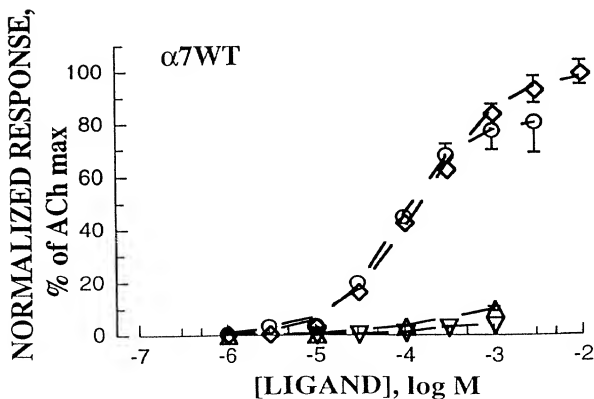


FIG. 3B

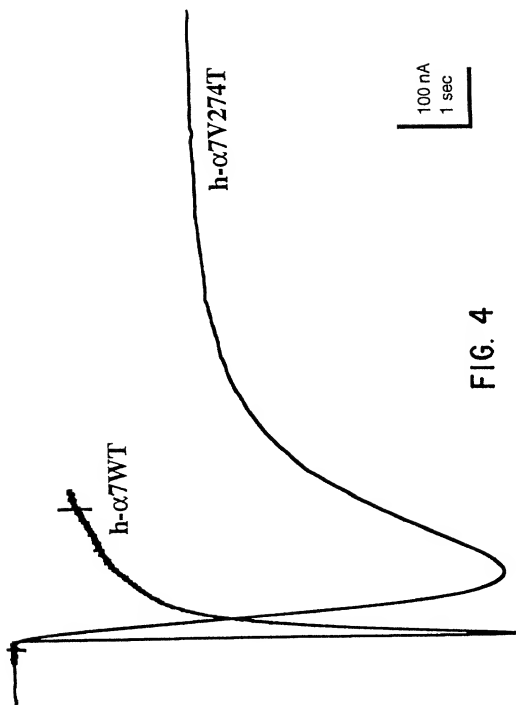


FIG. 4

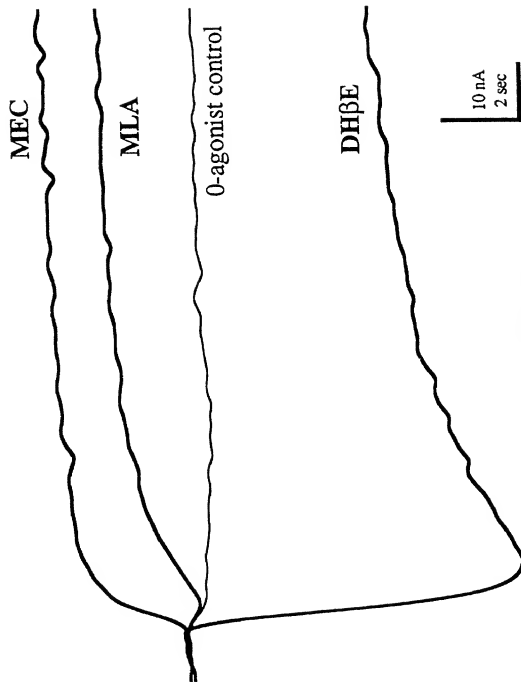


FIG. 5

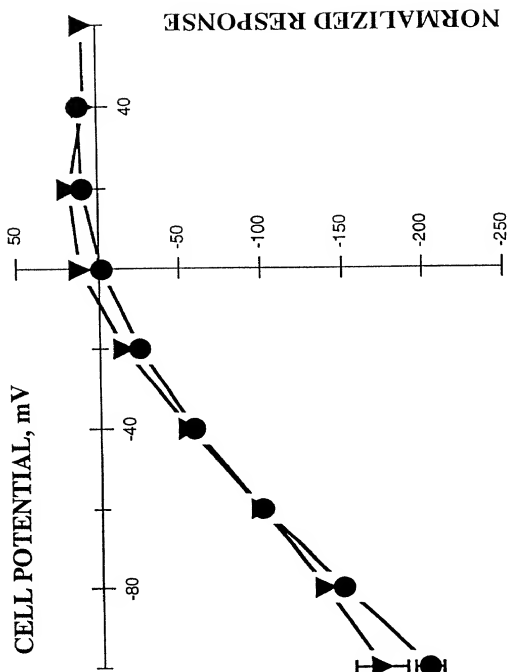


FIG. 6

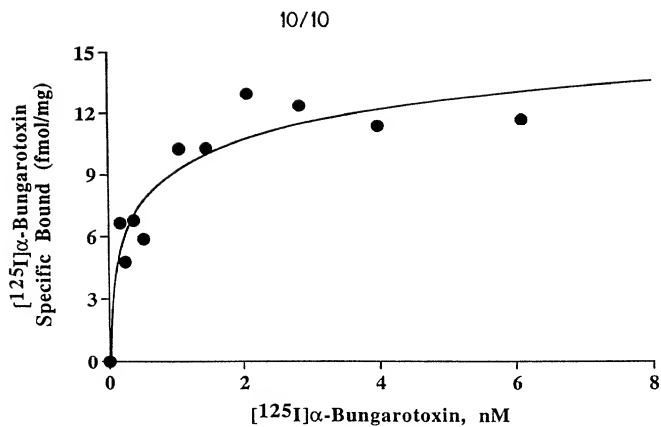


FIG. 7A

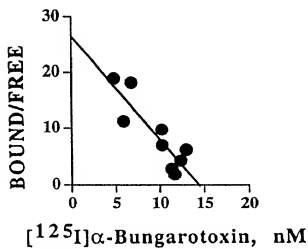


FIG. 7B